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**COMMENTS SOUTH PLUME REMOVAL ACTION
PART 3 DESIGN BASIS IAWWT**

05/08/91

OEPA/DOE-FMPC

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LETTER

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State of Ohio Environmental Protection Agency

Southwest District Office

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George V. Voinovich
Governor

May 8, 1991

RE: COMMENTS SOUTH PLUME
REMOVAL ACTION PART 3
DESIGN BASIS IAWWT

Mr. Jack Craig
U.S. DOE FMPC
P.O. Box 398705
Cincinnati, Ohio 45239

Dear Mr. Craig:

The Division of Water Pollution Control has reviewed the Design Basis Document for the South Plume Removal Action Part 3-IAWWT and has the following comments.

1. Page 3-31: Is the purpose for pH adjustment to meet NPDES limits or for optimal operation of the ion exchange system? Please explain.
2. Flow Diagram between Pages 3 & 4: If the pH controller is to catch excursions, it should be a recording meter so that the operator has a record of the pH reading when the alarm sounded.
3. Flow diagram between Pages 3 & 4: Are the two 150 gpm pumps alternating?
4. Flow diagram between Pages 3 & 4: What type of bag filters will be utilized? Down-flow bag filters may be best because they minimize solids loss during change out.
5. Flow diagram between Pages 3 & 4: Why does the diked area around the sulfuric acid pumping system flow to the storm water retention basin? It would seem to make more sense to contain such a spill to neutralize or recover the acid rather than just diluting it in the basin. Please explain.

If you have any questions about these comments, please contact me or Matt Walbridge.

Sincerely,

Graham E. Mitchell
DOE Coordinator

GEM/klj

cc: Kathy Davidson, Ohio EPA
Catherine McCord, U.S. EPA
Lisa August, Geotrans
Ed Schuessler, PRC

Date Rec'd MAY 10 1991
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